



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Sunday August 16, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



- **Dangerous heat continues today across TX/OK/LA/AR.**
- **Slight risk of severe storms across the Oklahoma Panhandle today.**
- **Tropical Storm Josephine and Post-Tropical Cyclone Kyle will remain in the Atlantic and not approach the US coasts.**
 - **No impacts to FEMA 6.**

FEMA Region 6 Threat Matrix

Aug 16, 2020 - Aug 20, 2020



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DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms	OK Panhandle				
	NM/TX/OK				
Heavy Rain / Flash Flooding					
Fire Weather					
Tropical Winds / Surge					
Heat	TX/OK/LA/AR				
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.
For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



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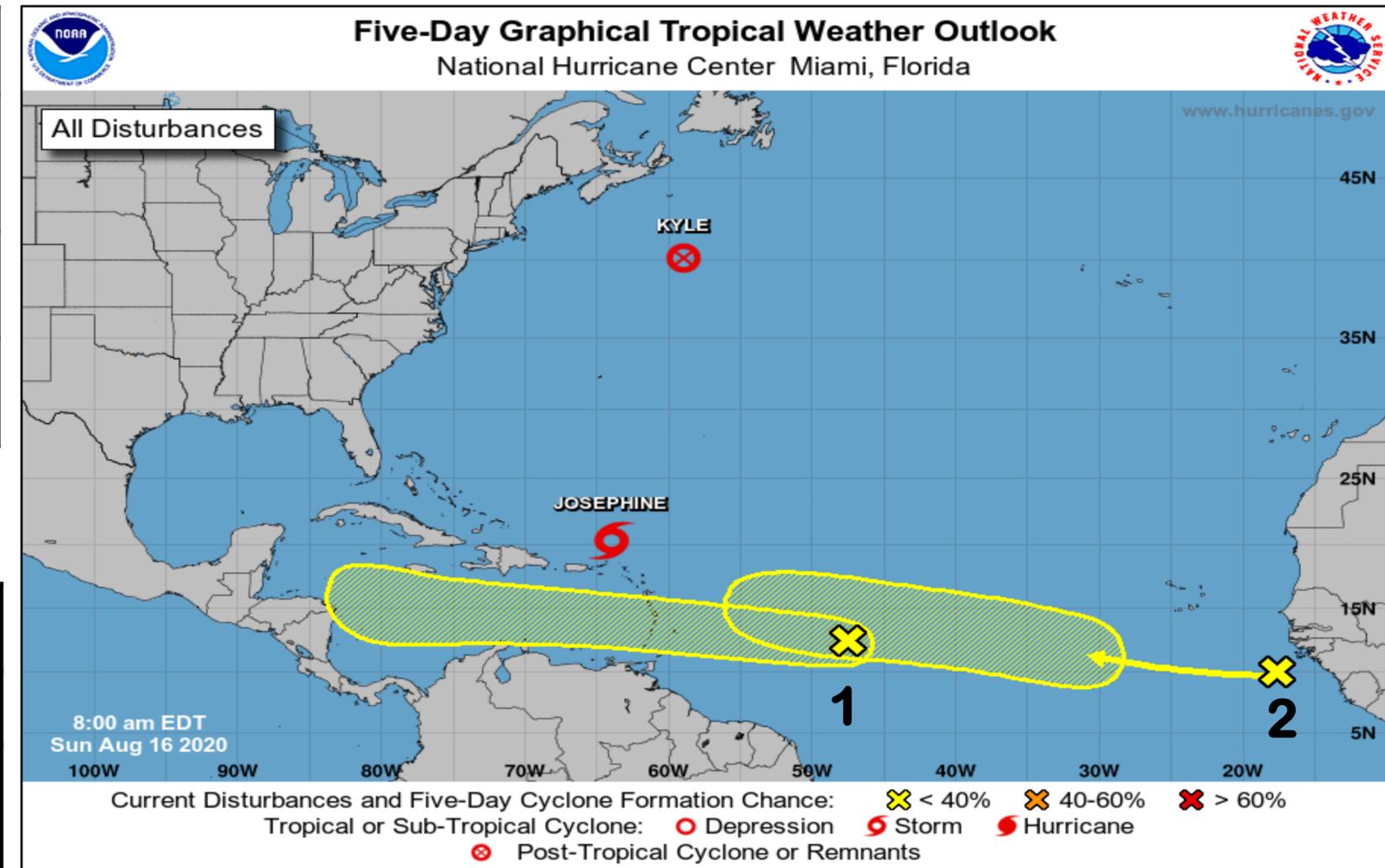
See next slide for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None at this time.
2	Low	None at this time.

Active Tropical Cyclones

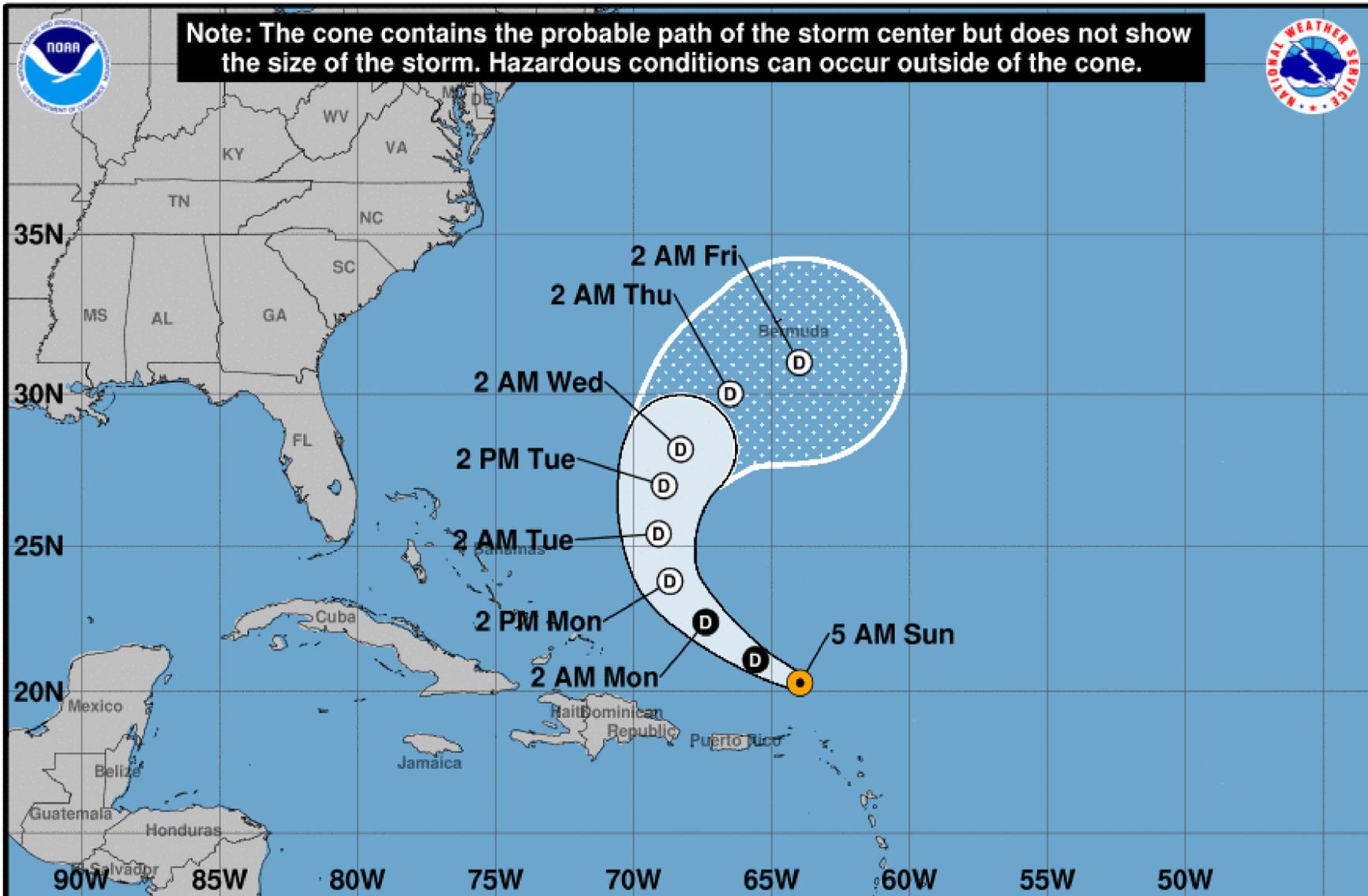
Storm	Potential Impacts to FEMA 6
Josephine	None.
Kyle	None.



Tropical Storm Josephine



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Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.

<p>Tropical Storm Josephine Sunday August 16, 2020 5 AM AST Advisory 19 NWS National Hurricane Center</p>	<p>Current information: ● Center location 20.3 N 64.0 W Maximum sustained wind 40 mph Movement WNW at 15 mph</p>	<p>Forecast positions: ● Tropical Cyclone ○ Post/Potential TC Sustained winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110 mph</p>
<p>Potential track area: ▭ Day 1-3 ▨ Day 4-5</p>	<p>Watches: ■ Hurricane ■ Trop Storm</p>	<p>Warnings: ■ Hurricane ■ Trop Storm</p>

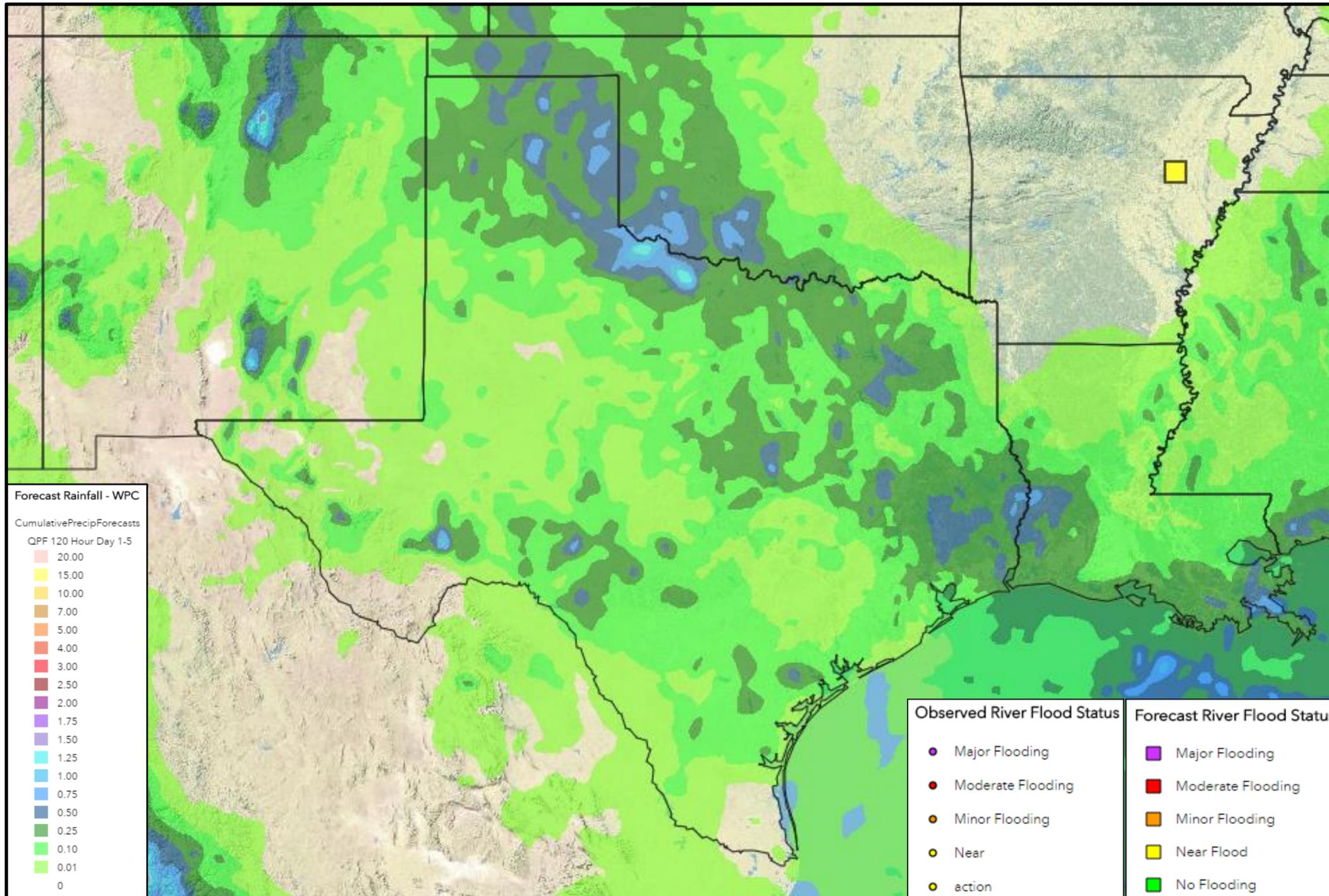
- At 5am, Tropical Storm Josephine was located about 155 miles north northwest of the Northern Leeward Islands with max sustained winds of 40 mph.
- Josephine will pass to the northwest of the Leeward Islands today. A turn toward the northwest is expected by tonight, with Josephine forecast to slow down and recurve toward the north and northeast on Tuesday and Wednesday.
 - No impacts to FEMA Region 6.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



No river flooding is observed or forecast.

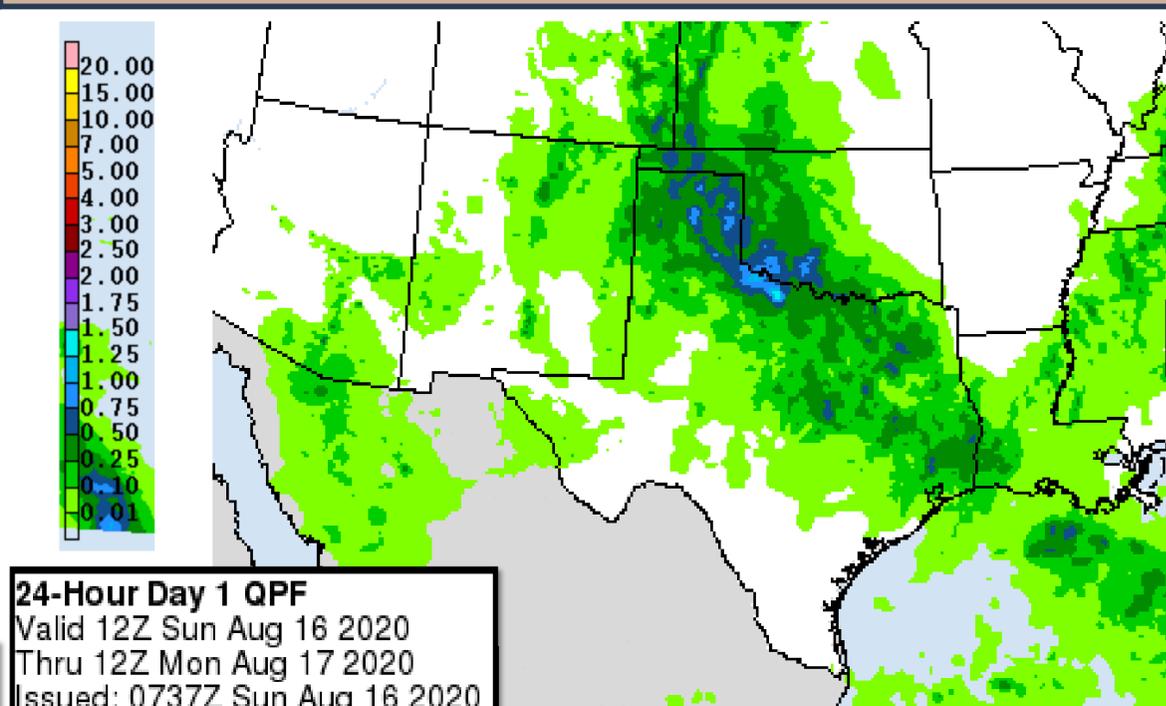
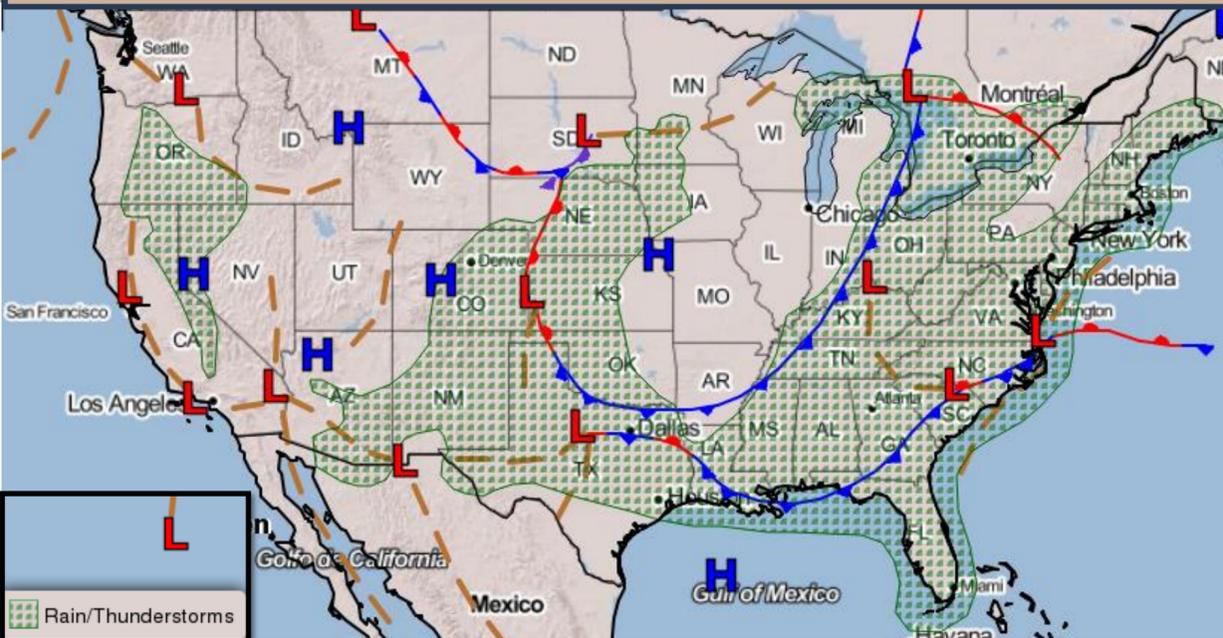
Today's Weather



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Forecast Chart

Forecast Rainfall

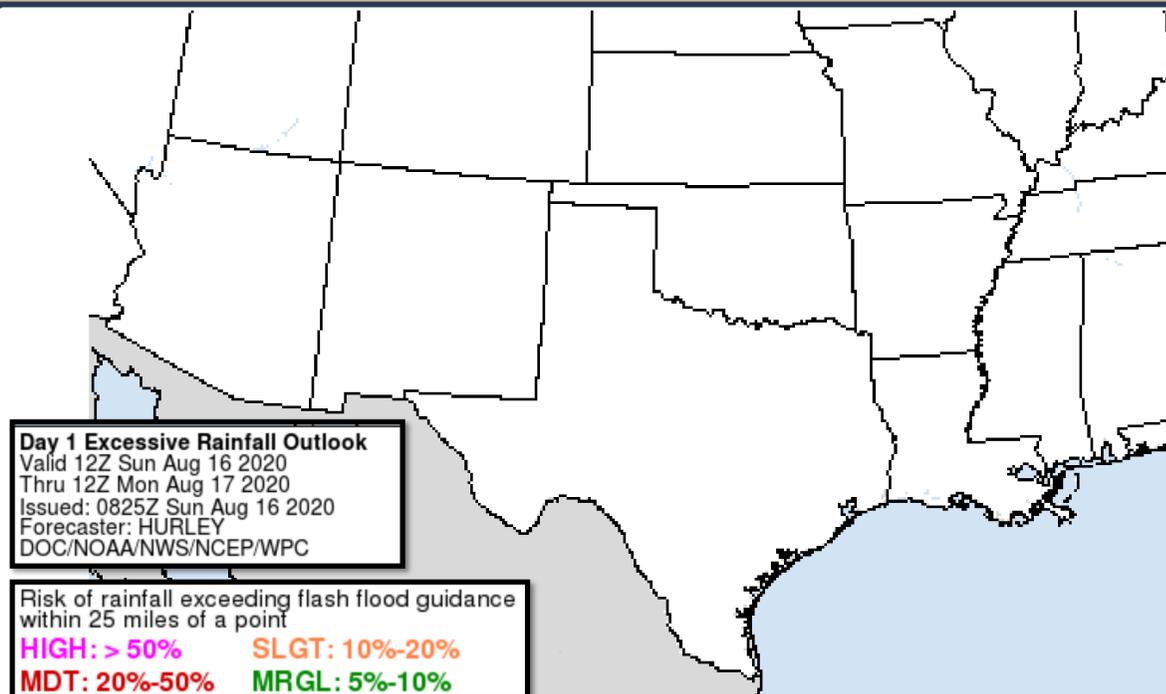
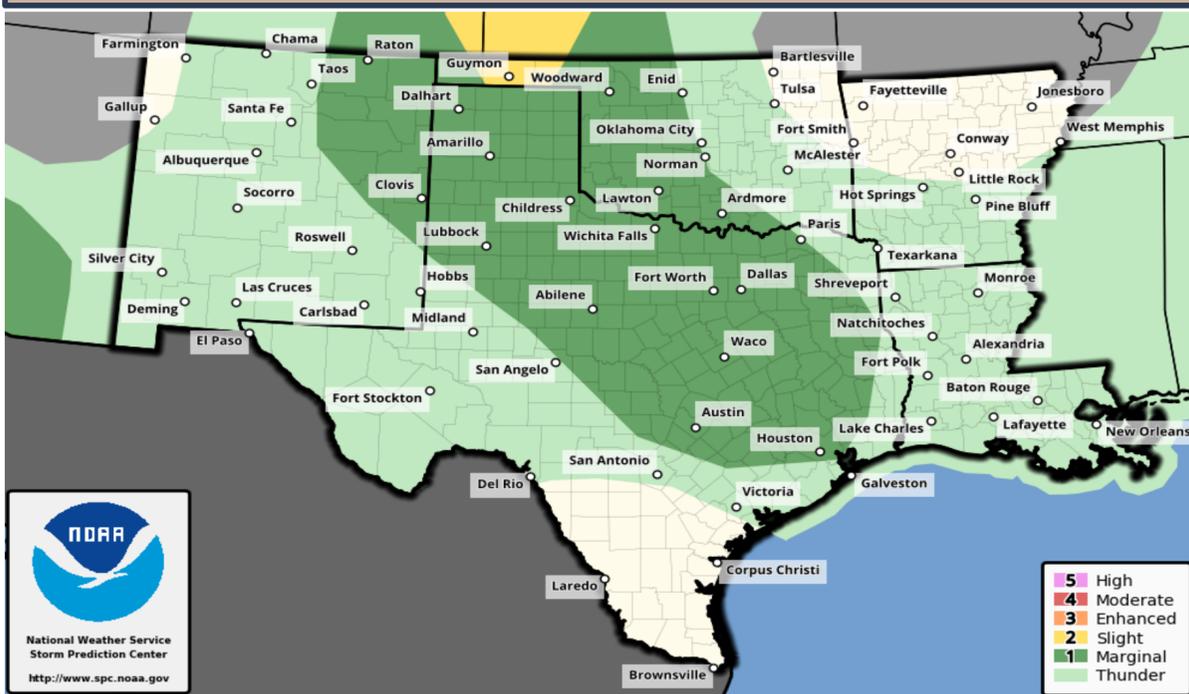


Slight risk of severe storms across the OK Panhandle. Damaging winds and large hail are the main threats.

Isolated strong/severe storms across NM, TX, and OK.

Severe Weather Outlook

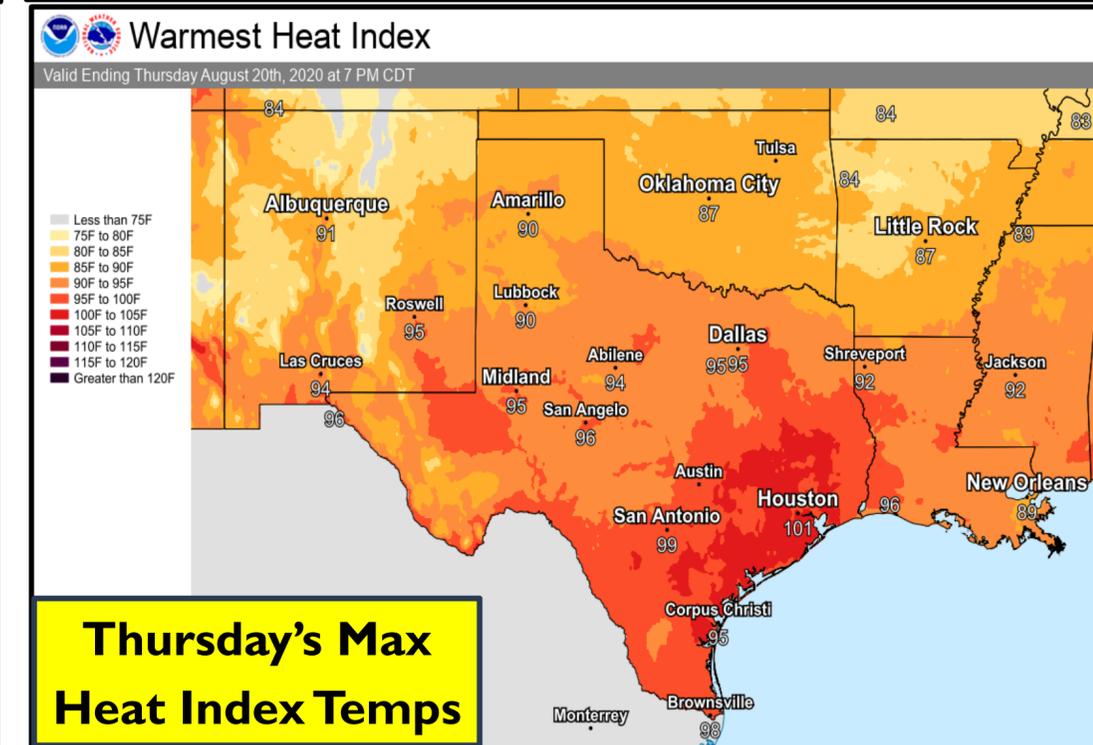
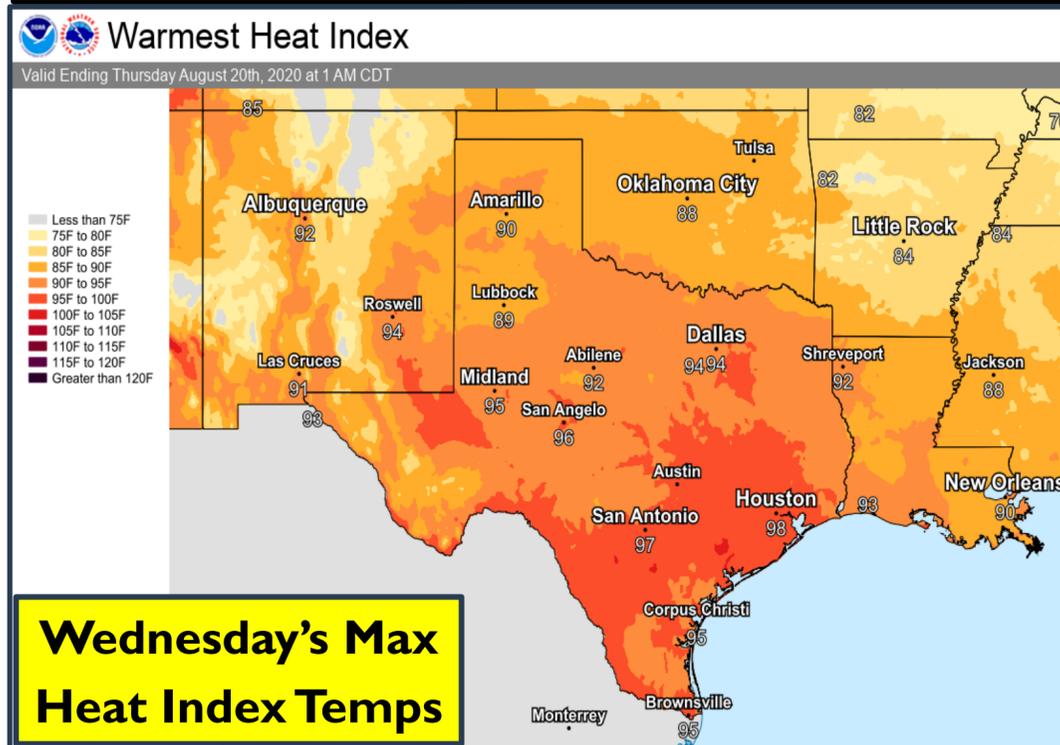
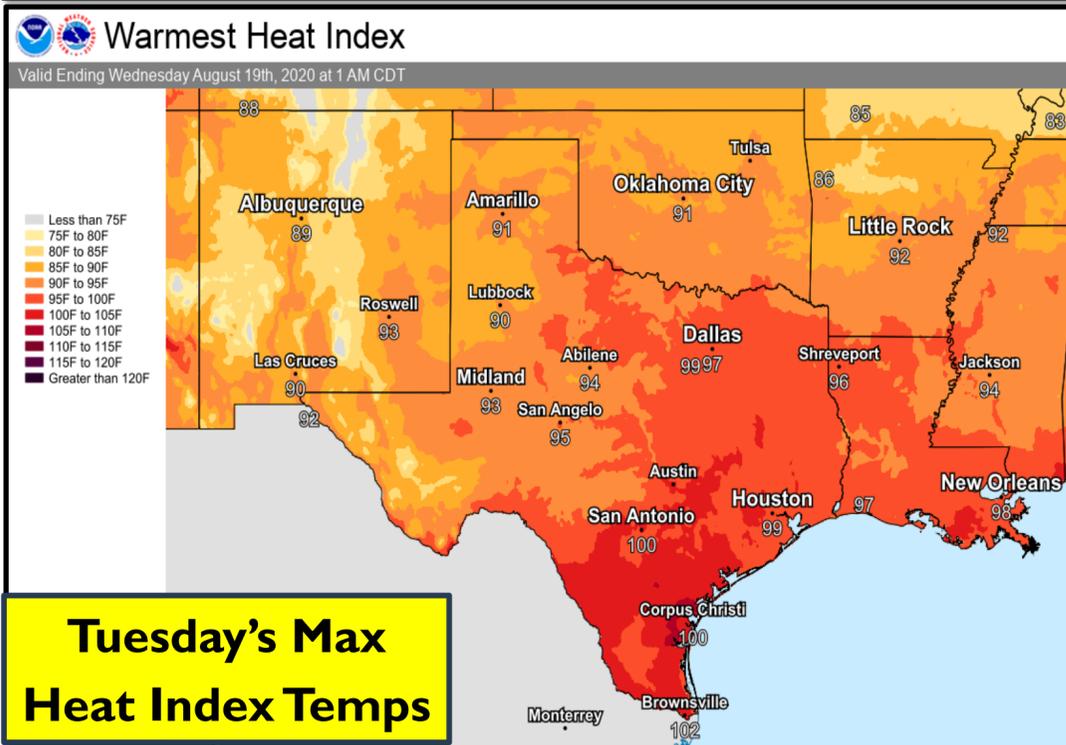
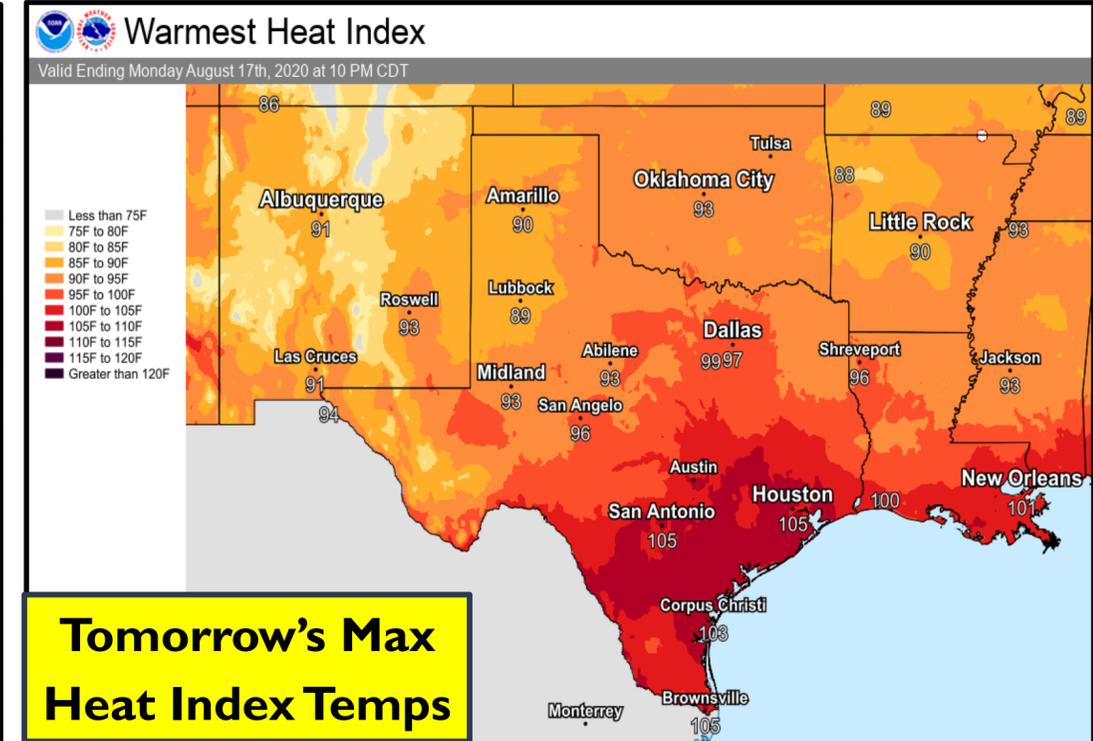
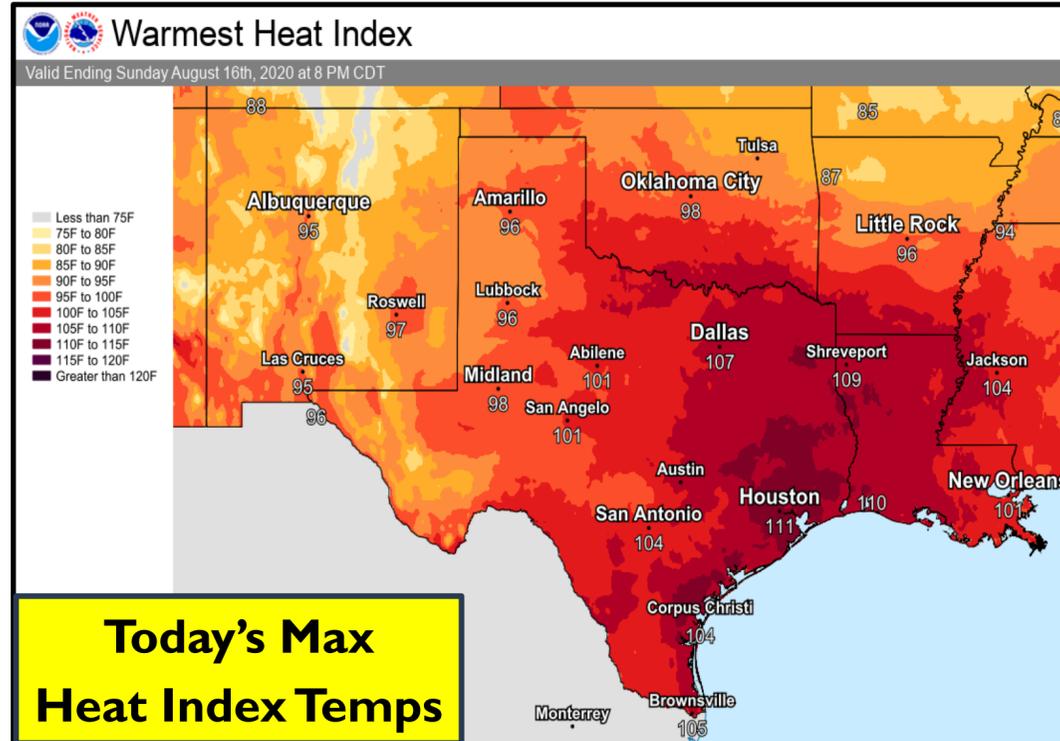
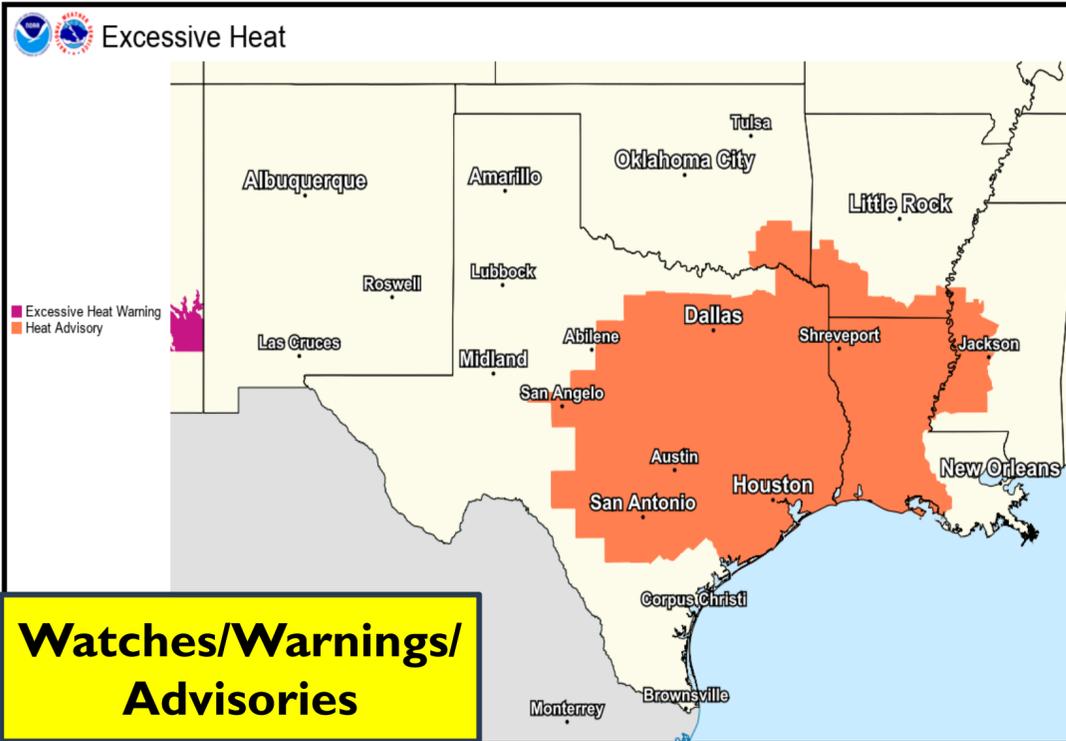
Excessive Rainfall Outlook



Excessive Heat Outlook



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Tomorrow's Weather

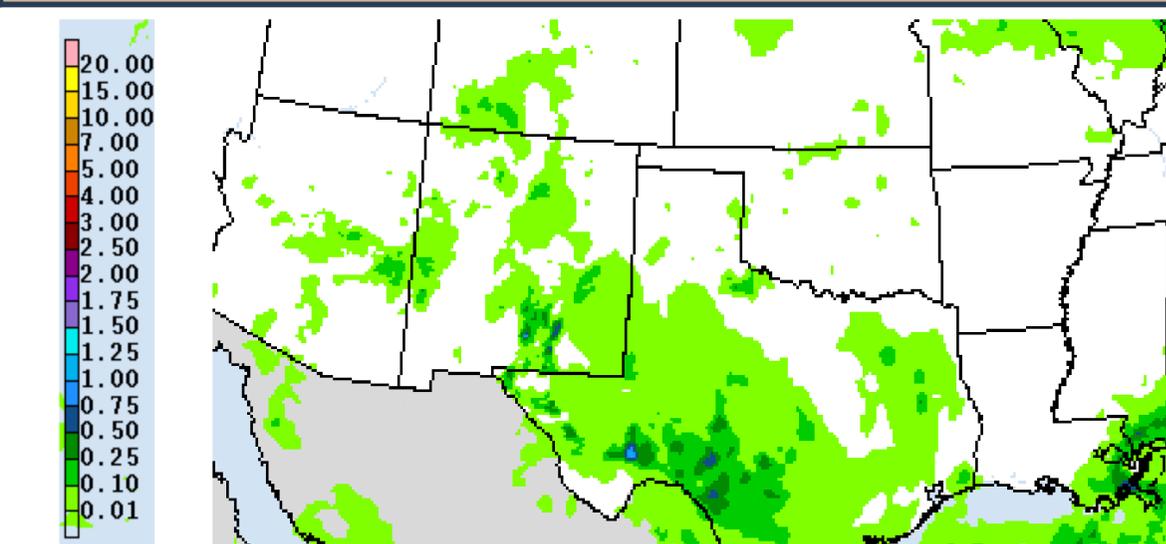
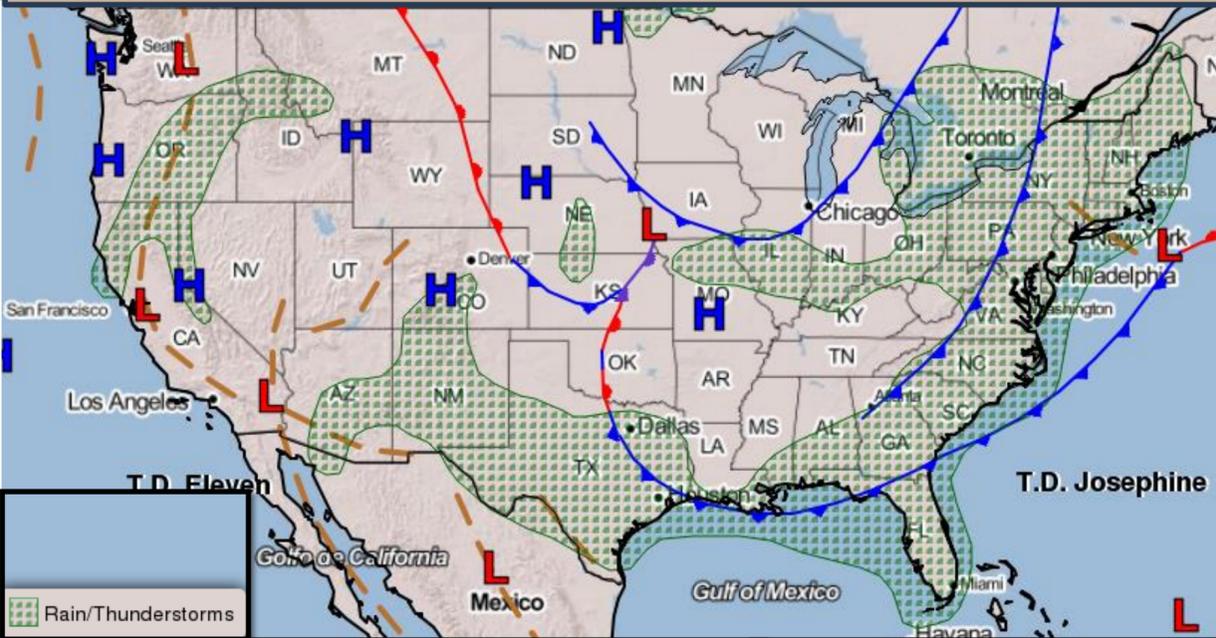


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Forecast Chart

Forecast Rainfall

No significant weather expected.

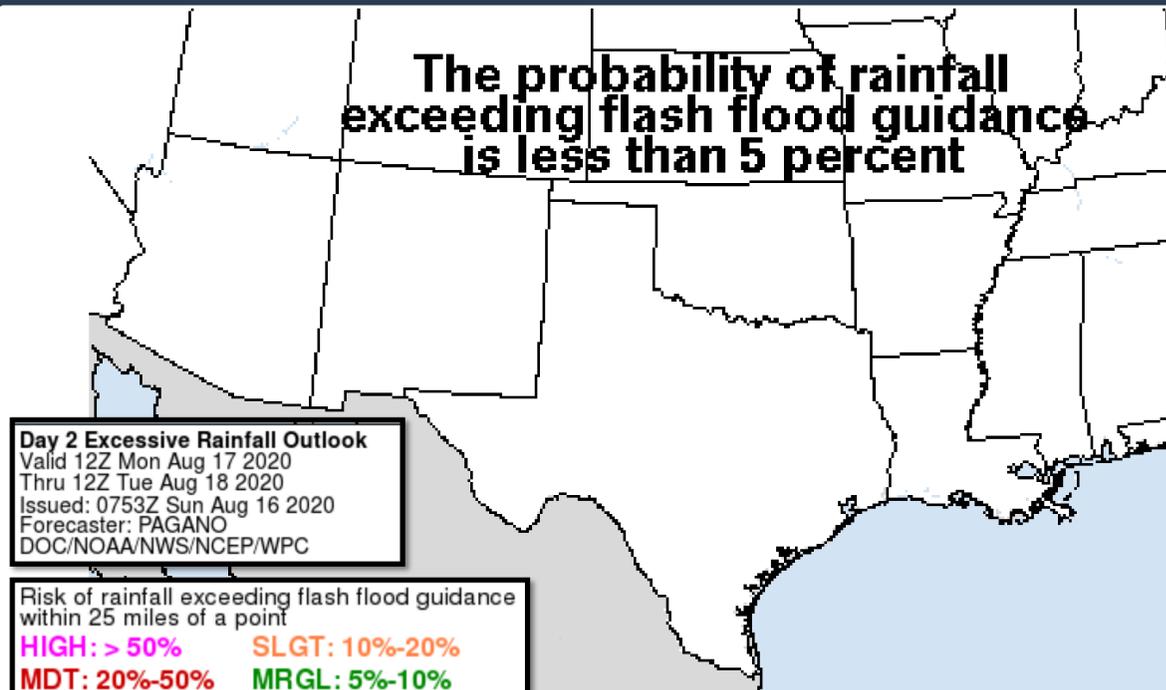


Weather Valid 8am EDT Mon Aug 17 2020 to 8am EDT Tue Aug 18 2020
Fronts Valid 8am EDT Mon Aug 17 2020
Issued 4:58 AM EDT Sun, Aug 16, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

24-Hour Day 2 QPF
Valid 12Z Mon Aug 17 2020
Thru 12Z Tue Aug 18 2020
Issued: 0757Z Sun Aug 16 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Mon Aug 17 2020
Thru 12Z Tue Aug 18 2020
Issued: 0753Z Sun Aug 16 2020
Forecaster: PAGANO
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Tuesday's Weather

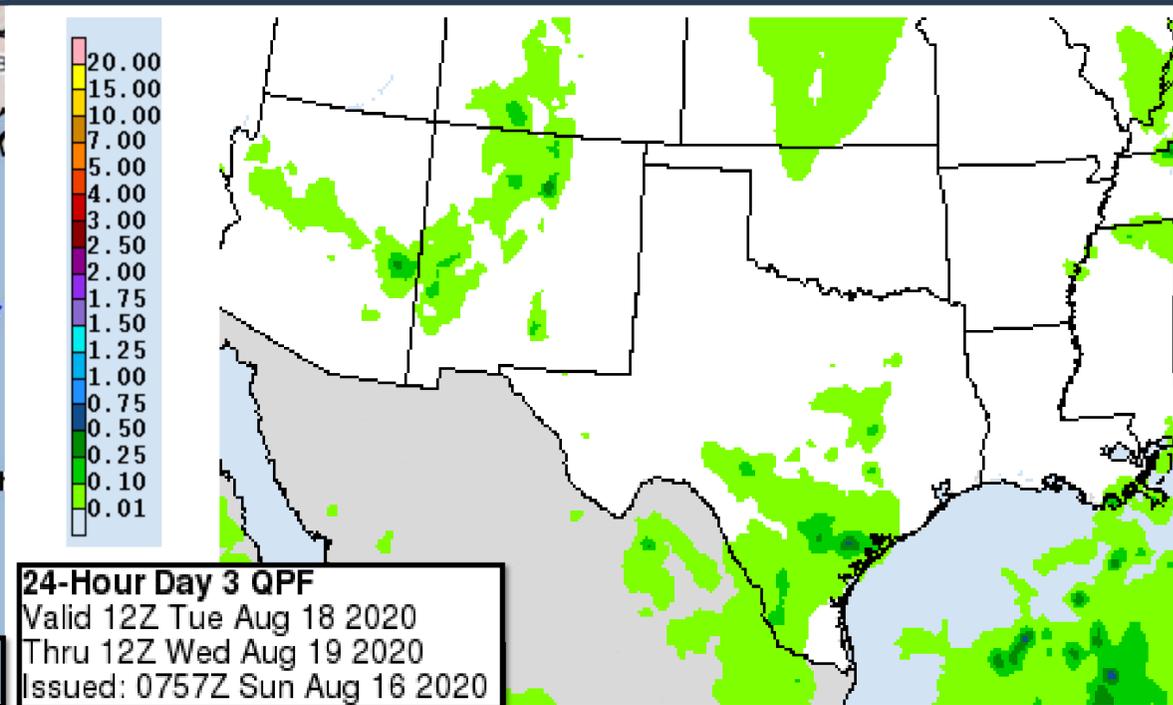
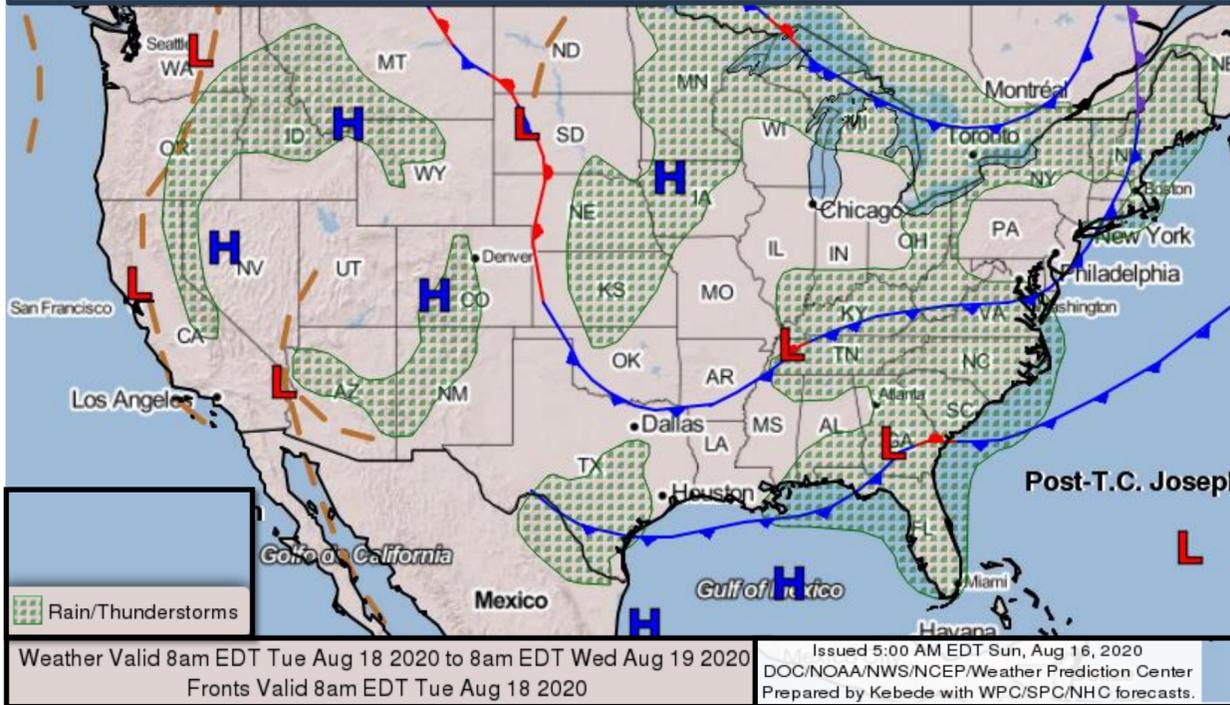


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Forecast Chart

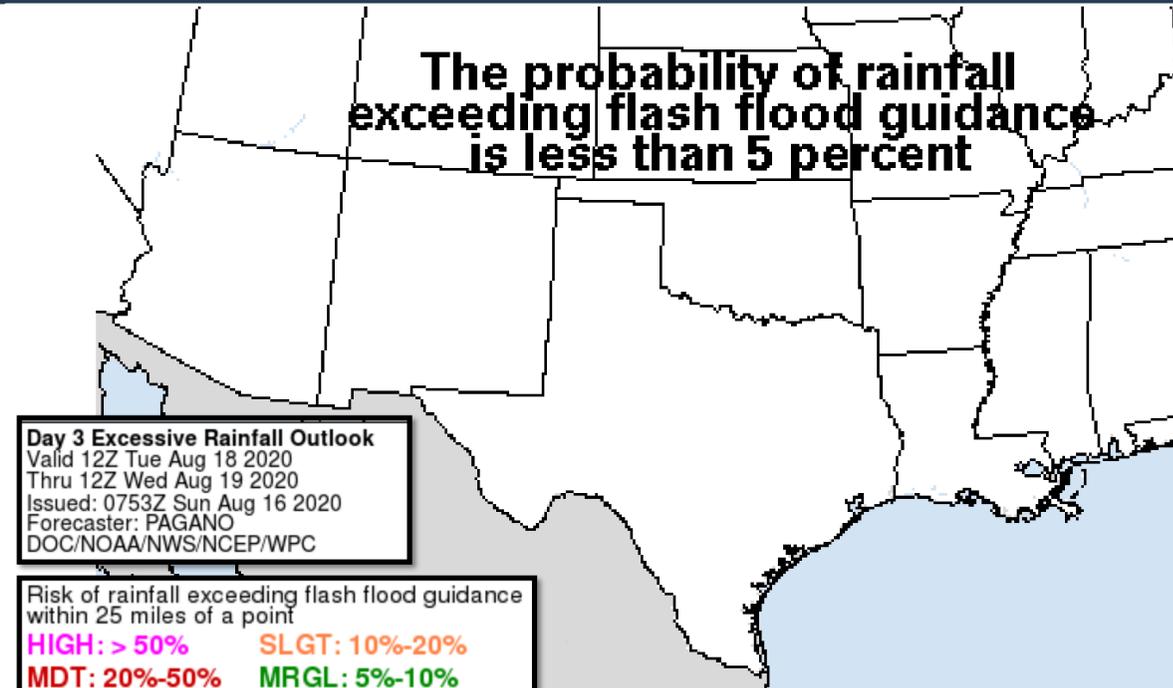
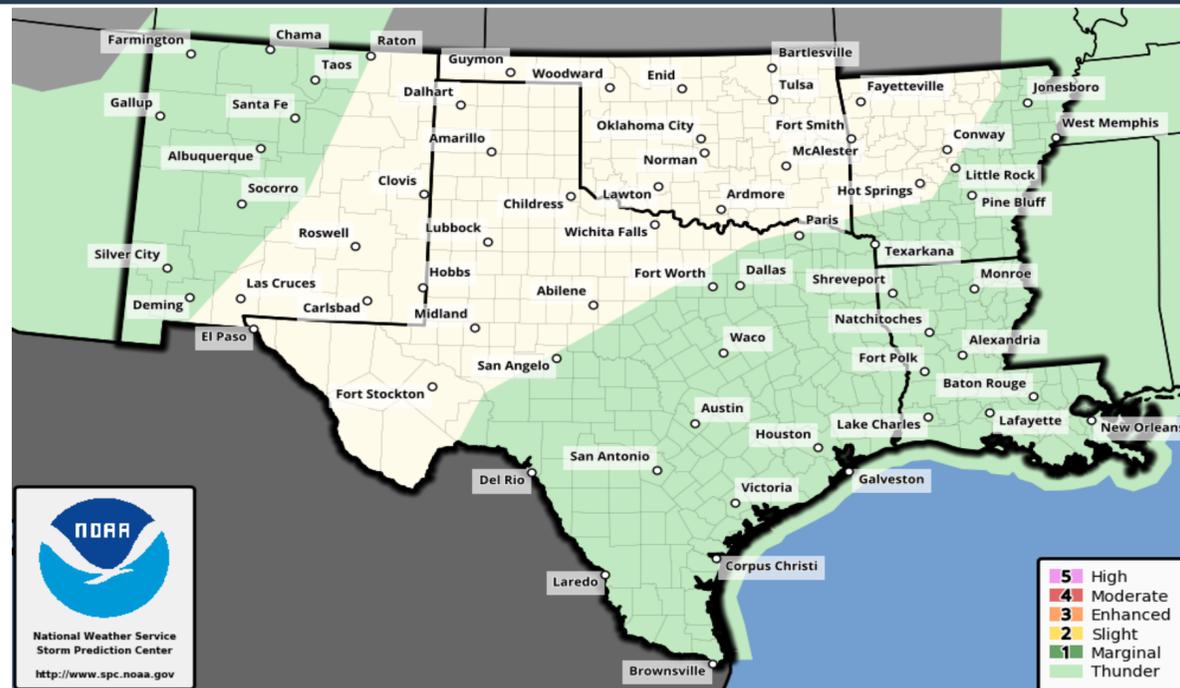
Forecast Rainfall

No significant weather expected.



Severe Weather Outlook

Excessive Rainfall Outlook



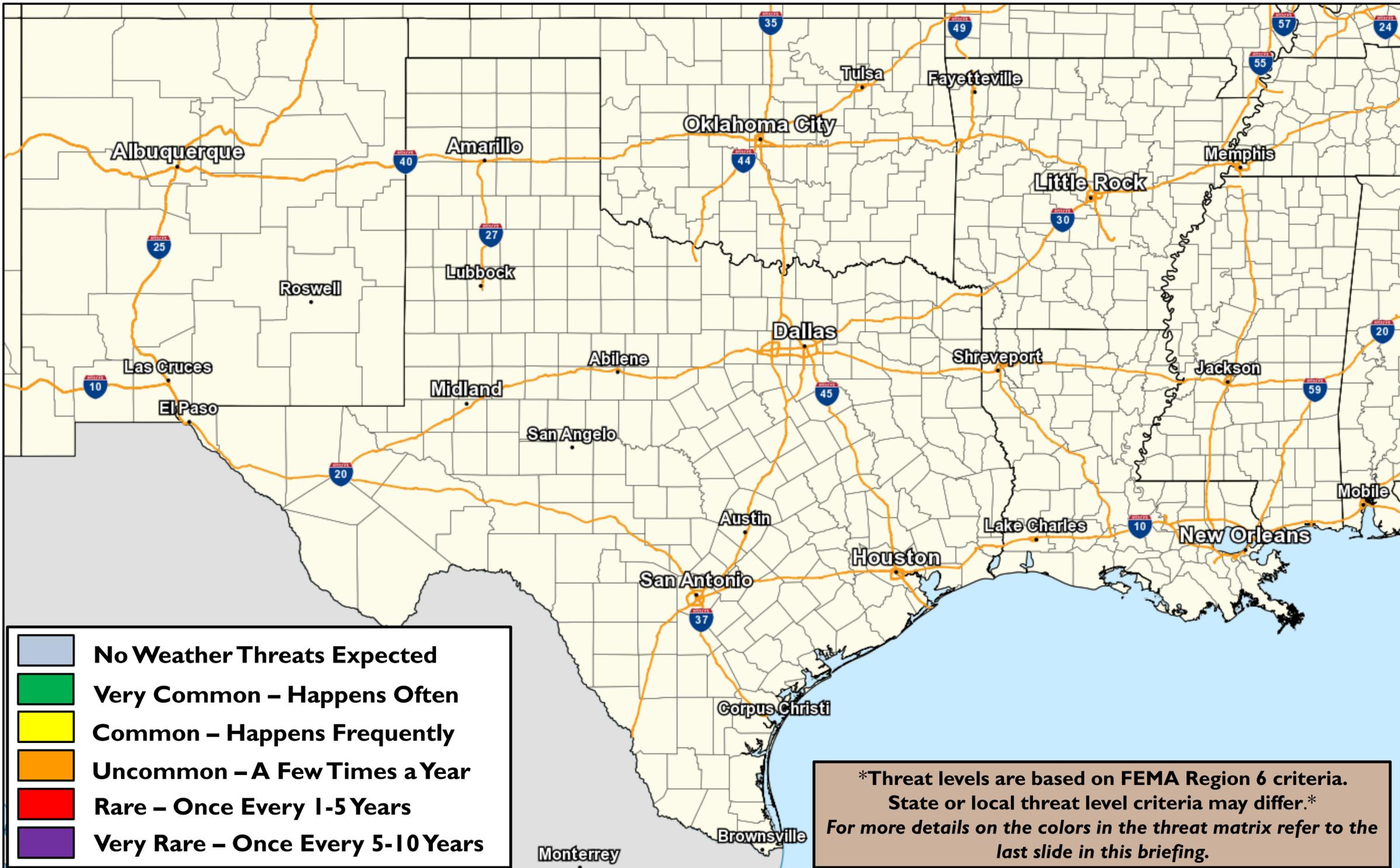
Days 4-5 Weather Hazards

Wednesday - Thursday



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No significant weather expected.

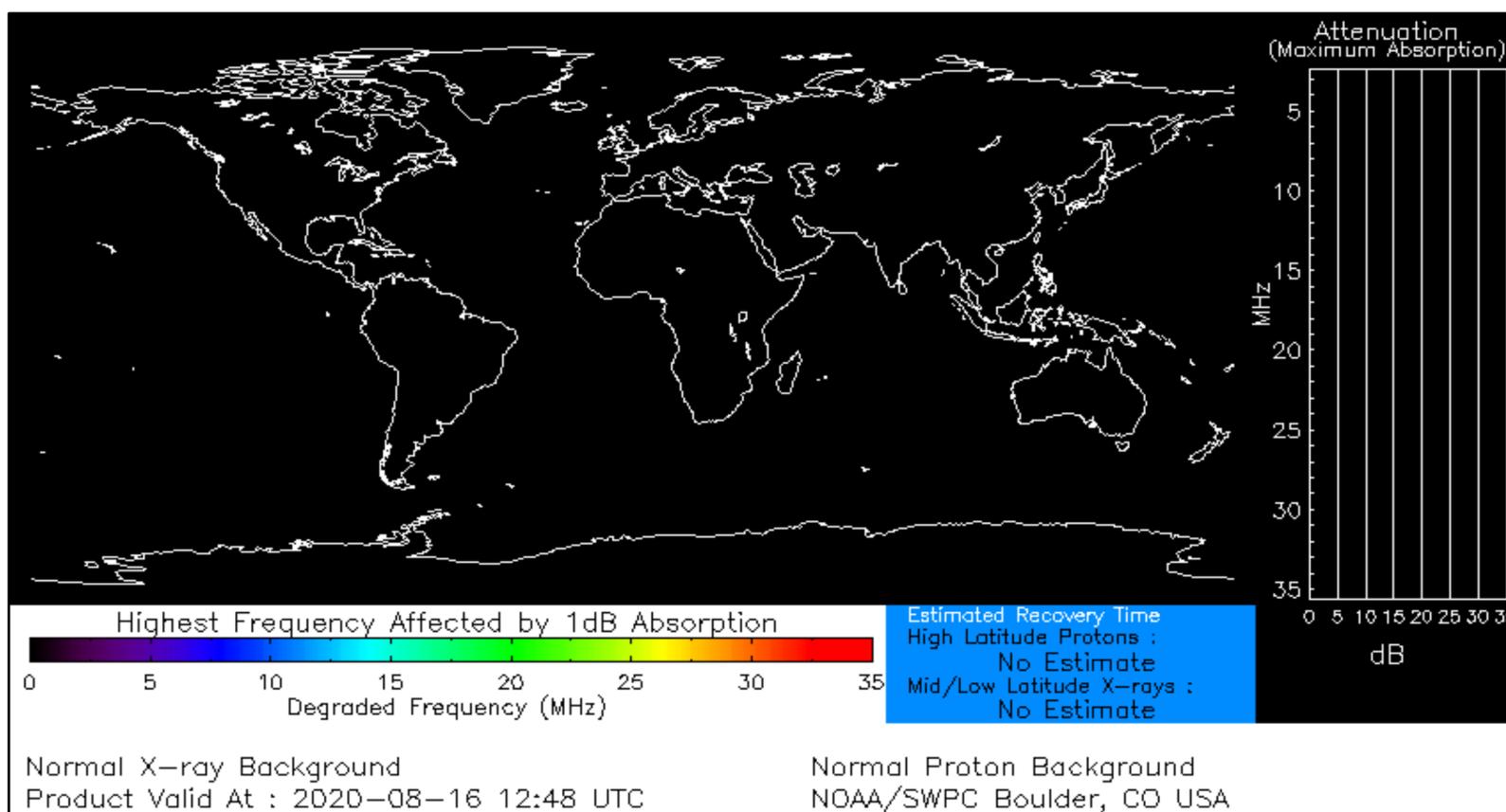


Space Weather 3-Day Forecast



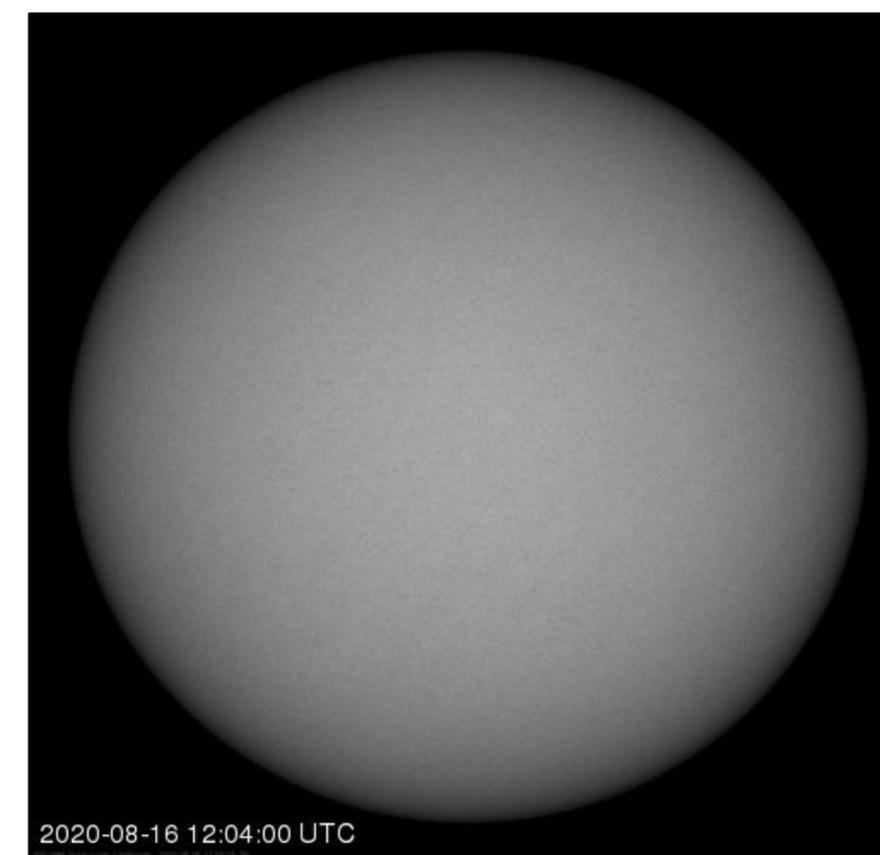
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;">Very Common</p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active</p>	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	<p style="text-align: center;">Somewhat Common – Happens Frequently</p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<p>Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook</p>	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	<p style="text-align: center;">Uncommon – A Few Times a Year</p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions</p>	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	<p style="text-align: center;">Rare – Once every 1-5 Years</p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life</p>	<p>Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought</p>	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	<p style="text-align: center;">Very Rare – Once Every 5-10 Years</p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p>	<p>Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought</p>	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to sr-srh.roc@noaa.gov.